EPSON
EXCEED YOUR VISION

Epson Stylus® Pro 3880

DESIGNED WITHOUT COMPROMISE

Introducing the Epson Stylus Pro 3880. With a number of enhancements that virtually eliminate compromise from the equation, it takes 17-inch-wide printing to the next level.

Epson UltraChrome K3® with Vivid Magenta Ink Technology
This pigment ink set ensures professional print permanence ratings, whether printing black-and-white or color. Reformulated magenta colorants deliver an exceptionally wide color gamut with an expanded range of blues and violets.

Advanced MicroPiezo® AMC™ Print Head
An integrated ink-repelling coating allows for precise and accurate dot placement, making it possible to consistently reproduce the most intricate detail at resolutions up to 2880 x 1440 dpi.

©2009 Steve McCurry

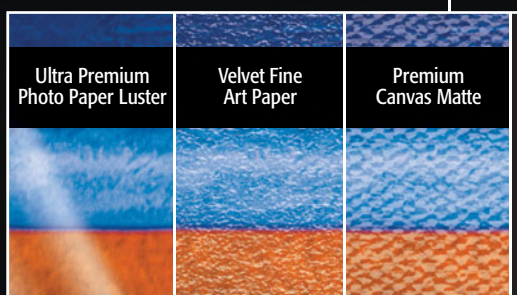
Exclusive AccuPhoto™ HD2 Image Technology
A combination of an advanced algorithm and hardware screening produces remarkably fine blends, consistent color and extremely accurate highlight and shadow details.

The Epson Stylus Pro 3880: Your vision delivered.

Reproducing an image, exactly as you saw it, has always been a challenge. Until now. With the introduction of the Epson Stylus Pro 3880, the bar has once again been raised and the realm of what's possible has been expanded.

Engineered for the most discriminating professionals, the Epson Stylus Pro 3880 comes with a variety of technological breakthroughs that will make it the benchmark by which all other 17-inch printers are measured. In fact, there's so much innovation in this feature-rich printer, you might expect a much larger footprint, but the 3880 is remarkably compact, equal in size to many 13-inch printers.

16" x 20" image printed on 17" x 22" media.



Epson Professional Media
Print on virtually any type of cut-sheet professional or fine art media from 4" x 6" to 17" x 22", to satisfy your creative needs and provide your clients the choices they demand.

Technology that will turbocharge your printing.

8-Channel MicroPiezo AMC Print Head with Ink-Repelling Coating

The Epson Stylus Pro 3880's advanced print head is a marvel of ingenuity. One inch wide, it delivers a maximum resolution of 2880 x 1440 dpi. It produces variable-sized ink droplets as small as 3.5 picoliters to simultaneously optimize photographic quality and dramatically decrease print times. But that's just the beginning.

Proprietary Active Meniscus Control (AMC) technology precisely controls the curvature of every ink droplet within each nozzle before releasing it onto the media.

A unique ink-repelling coating helps to prevent ink build-up around the nozzles, allowing for precise and accurate dot placement, and reduced maintenance.

AccuPhoto HD2 Image Technology

Created from a collaboration between Epson and the Rochester Institute of Technology's Munsell Color Science Laboratory, AccuPhoto HD2 combines a complex mathematical architecture with an advanced screening technology to provide outstanding image quality.

AccuPhoto HD2 is specifically engineered to ensure precision placement of each individual ink droplet, resulting in smooth, grain-free images. Choosing from an extraordinary number of possible ink combinations for each color, this technology optimizes the ink use to maximize the color gamut and provide smooth color transitions and gradations. Reduction of the metameric index makes it possible to achieve consistent color under different lighting conditions.

Quality stays true to form, even in high-speed and lower resolution print modes.

Epson PreciseColor™ Technology

Every Epson Stylus Pro 3880 meets the standards of Epson PreciseColor manufacturing. This rigorous process applies colorimetric calibration to ensure that individual printers of the same model produce prints that are virtually indistinguishable from one another.

Automatic Print Head Alignment and Cleaning Technology

A built-in sensor automatically reads printed data for highly precise alignment of all color channels, both bi-directional and uni-directional, resulting in outstanding accuracy. In addition, the automatic print head cleaning mode analyzes a printed nozzle check pattern and automatically cleans the print head, if even a partially clogged nozzle is detected.

Ink technology to show your true colors.

Epson UltraChrome K3 with Vivid Magenta Ink Technology

A highly acclaimed, 8-color, pigment-based ink system, Epson UltraChrome K3 with Vivid Magenta has revolutionized the professional printing industry, redefining what's possible in color and black-and-white printing.

In fact, you can expect a look that exceeds what traditional color and black-and-white silver halide photographs can produce. Among the many benefits of this remarkable ink technology, you will discover:

- A high-density form of magenta pigments that produce an enhanced color gamut with vibrant blues and violets
- Professional print permanence ratings for truly sellable quality prints

© 2009 Pete Turner

COMMERCIAL AND FINE ART PHOTOGRAPHY

Allow your vision to come alive, just as you saw it through the lens. From subtle gradations to rich colors to breathtaking black-and-white images. Epson technology puts professional-level photographic prints at your fingertips.

- High-gloss Microcrystal Encapsulation™ for an improved glossy finish
- Instant color stability, immediately after printing, with no short-term color shifting

Three-level Black Ink Technology with Two Auto-sharing Black Ink Modes

Three-level Black technology simultaneously uses Black, Light Black and Light Light Black ink, resulting in richer blacks, an unsurpassed gray balance and stunning tonal range. Whether a panorama of fall foliage or a black-and-white portrait shot in subdued light, your print will duplicate exactly what you saw through the lens.

The Epson Stylus Pro 3880 automatically switches between two different Black ink modes — Photo Black or Matte Black. This optimizes the Dmax (Black ink density) for various media types, so whether you're printing on traditional photographic media or unique, fine art paper, final print quality is dramatically improved.

Epson Intelligent, High-capacity Ink System

Epson's pressurized ink cartridge technology enables reliable ink delivery at all print speeds, while dramatically reducing the size of the ink cartridges themselves.

- Nine individual 80 ml ink cartridges ensure truly professional printing
- On-the-fly ink cartridge replacement increases productivity

More benefits, more advantages.

Compact, 17-Inch Wide Printer

Even with its surprisingly small footprint, the Epson Stylus Pro 3880 offers a number of advantages. Its print engine technology takes full advantage of the latest in precision mechanical design, resulting in a significant reduction in overall printer size and weight. In fact, it's equal in size to many competitive 13-inch printers.

Other advantages include:

- Quiet operation that won't interfere with other activities in the studio — or the residence
- Large, 2.5-inch, backlit LCD control panel for easy, direct printer control and status monitoring

Professional Media Handling

The Epson Stylus Pro 3880 supports a full range of professional, photographic and fine art media, not only to meet your day-to-day requirements, but also to fuel and stimulate your creativity.

- The ability to print on virtually any type of cut-sheet media from 4"x 6" up to 17"x 22"
- A top-loading, high-capacity paper feeder handles up to 120 sheets of plain, letter-sized paper or up to 20 sheets of photographic media
- A second, top-loading, manual sheet feeder accommodates thick fine art paper up to 17 inches wide
- A front-loading, straight-through, manual sheet feeder handles media up to 16 inches wide and posterboard up to 1.5 mm thick

World-Class Service and Support

The Epson Preferred℠ Protection Plan Limited Warranty offers one year of coverage. Toll-free telephone support is available Monday through Friday. Full-unit exchange service is usually available next-business-day. Optional one- or two-year Epson Preferred Plus service plans are also available.

PORTRAIT AND WEDDING PHOTOGRAPHY

Those once-in-a-lifetime moments, whether dramatic black-and-white or rich, full color, demand your professional touch. And with flexible media handling from 4"x 6" to 17"x 22" and Epson UltraChrome K3 with Vivid Magenta ink technology, you'll be able to deliver superior quality archival prints.

Advanced Black-and-White Photo Mode

This Epson exclusive represents the standard for producing sellable quality neutral and toned black-and-white prints. It lets you choose from one of four presets — neutral, warm, cool or sepia, or further fine-tune your image with custom controls and the color toning wheel. Then, once you've created your custom settings, they can be conveniently saved and reapplied to streamline your workflow.

Simply Uncompromising

The Epson Stylus Pro 3880 was designed without compromise, so you can print without compromise. With its compact size and offering a number of technologically advanced features including Epson UltraChrome K3 with Vivid Magenta ink and AccuPhoto HD2 image technology, the 3880 represents the next step in professional desktop printing, and is a must-have for the serious professional.

ADVANCED BLACK-AND-WHITE PHOTO MODE — YOUR KEY TO INTUITIVE AND CONSISTENT CONTROL

COOL	NEUTRAL	WARM

GRAPHIC ARTS

Produce accurate, color-stable prints throughout the process – from initial comps to client presentations to pre-press proofs. Your designs and layouts stay true with Epson printing, ink and media technology. The result: Ideas that sell.

Epson Stylus Pro 3880 Print Engine Specifications

Printing Method
Advanced MicroPiezo AMC print head with ink-repelling coating technology
8-channel, drop-on-demand, ink jet print head
9-color (C, Lc, VM, VLm, Y, Lk, LLk + PK or MK)
Auto head alignment and cleaning technology
Pigment-based Epson UltraChrome K3 with Vivid Magenta Ink technology

Auto-sharing Black Ink Technology
Fully automatic switching between Black ink modes

Black ink conversion times	
Matte to Photo Black	Approx. 3:30 min:sec
Photo to Matte Black	Approx. 2:30 min:sec
Ink used during conversion[A]	
Matte to Photo Black	Approx. 4.6 ml
Photo to Matte Black	Approx. 1.6 ml

Nozzle Configuration

Color and Monochrome heads	180 nozzles x 8

Droplet Technology

Smallest droplet size	3.5 picoliters

Variable Droplet Technology can produce up to three different droplet sizes per print line

Resolution
2880 x 1440 dpi; 1440 x 720 dpi; 720 x 720 dpi

Print Engine Speed[B]

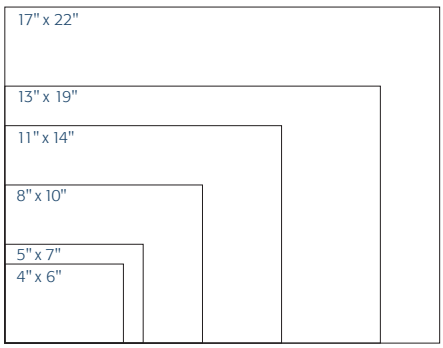
8" x 10" prints	Approx. 4:08
11" x 14" prints	Approx. 6:39
16" x 20" prints	Approx. 10:59

Acoustic Noise Level
Approximately 39 dB according to ISO 7779

Printer Language/Drivers
Epson ESC/P®2 raster photographic drivers standard
Optional PANTONE® licensed and SWOP® certified PostScript Language Level 3 compatible RIP by ColorBurst® (included only with Graphic Arts Edition bundle)
Supported by most leading, third-party RIPs and workflows

Dimensions and Weight
27" x 15" x 10" (W x D x H)
Printer weight: 43.2 lb

BorderFree® Printing
Complete borderless printing on the following cut-sheet sizes
4" x 6", 5" x 7", 8" x 10", 11" x 14", 13" x 19", 17" x 22"



Printable Area

Maximum paper width	17"
Maximum cut-sheet size	17" x 22"
Minimum cut-sheet size	4" x 6"
Left and right margins	0 or 3 mm each (0.24" total)
Top and bottom margins	0 or 3 mm or 15 mm each

Media Handling

Main top-loading feeder	Up to 17" x 22" Up to 120 sheets plain; 20 photo
Second top-loading feeder	Up to 17" x 22" Single sheet manual feeder, optimized for fine art paper
Front manual feeder	Up to 16" x 20" Straight-through, single sheet manual feeder up to 1.5 mm

Epson Intelligent Pressurized Ink Cartridges[C]

Cartridge fill volume	80 ml each color x 9 colors total
Ink cartridge shelf life	2 years from printed production date or 6 months after opened

Lightfastness Ratings[D]

Epson UltraChrome K3 with Vivid Magenta Ink	Color: Up to 108 years Black-and-white: Over 200 years

Environmental Characteristics

Temperature	
Operating	50˚ to 95˚F (10˚ to 35˚C)
Storage	-4˚ to 104˚F (-20˚ to 40˚C)
Relative humidity	20 to 80%
Operating	40 to 50%
Recommended storage	5 to 85% (no condensation)

Safety Approvals

Safety standards	UL1950, CSA 22.2 950 FDA
EMI	FCC Part 15 subpart B class B, CSA C108.8 class B AS/NZS 3548 class B

Electrical Requirements

Voltage	AC 110 – 120 V
Frequency	50 – 60 Hz
Current	0.6 A/110 – 120 V
Power consumption	
Operating	Approx. 25 W
Standby	Less than 5 W
Power Off	Less than .3 W

ENERGY STAR® compliant (Tier 2)

Printer Interfaces
Hi-Speed USB 2.0 (1 port)
100Base-T Ethernet (1 port)

Operating Systems Supported

Mac®	Mac OS® X 10.4.11 – 10.5.x, 10.6.x
Windows®	Windows XP (64-bit also supported), Windows Vista® (64-bit also supported), Windows 7 (64-bit also supported)

For the latest information on Windows 7, please visit www.epson.com/support/windows7
For the latest information on Snow Leopard, please visit www.epson.com/support/snowleopard

Product/Accessories	Part Numbers
Epson Stylus Pro 3880 print engine	CA61201-VM
Epson Stylus Pro 3880 Graphic Arts Edition	CA61201-GA
Epson Stylus Pro 3880 TUMI® cover	C3800TUMI
Additional one-year Epson Preferred Plus service	EPP38B1
Additional two-year Epson Preferred Plus service	EPP38B2
Replacement ink maintenance tank	T582000

Epson UltraChrome K3 Ink	(80 ml)
Photo Black ink cartridge	T580100
Cyan ink cartridge	T580200
Vivid Magenta ink cartridge	T580A00
Yellow ink cartridge	T580400
Light Cyan ink cartridge	T580500
Vivid Light Magenta ink cartridge	T580B00
Light Black ink cartridge	T580700
Light Light Black ink cartridge	T580900
Matte Black ink cartridge	T580800

A Ink used in conversion varies considerably based on temperature and other factors.

B Based upon print engine speed only. Total throughput times depend upon front-end RIP, file size, printer resolution, ink coverage, networking, etc.

C Cartridge yields vary considerably for reasons including images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink color. A variable amount of ink remains in the cartridge after the "replace cartridge" signal. Part of the ink from the first cartridges is used for priming the printer. Ink is used for both printing and print head maintenance. All inks are used for both black and color printing. For more information about cartridges, see www.epson.com/cartridgeinfo

D Ink lightfastness rating based on accelerated testing of prints on specialty media, displayed indoors, under glass. Actual print stability will vary according to media, printed image, display conditions, light intensity, humidity and atmospheric conditions. Epson does not guarantee the longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them.

www.proimaging.epson.com
www.epson.com/3880

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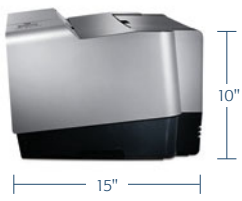

EPSON ULTRACHROME K3 INK VIVID MAGENTA

ACCUPHOTO HD2

EPSON
EXCEED YOUR VISION

ColorBurst RIP
A PostScript Language Level 3 compatible RIP

HI-SPEED USB CERTIFIED

ENERGY STAR

Compatible with Windows 7

Mac Universal

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